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A personal news agent that talks, learns and explains

Authors
Daniel Billsus Univ. of California, Irvine
Michael J. Pazzani Univ. of California, Irvine

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↑ **REFERENCES**

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1   Allan, J., Carbonell, J.G., Doddington, G., Yamron, J. and Yang, Y. Topic Detection and Tracking Pilot Study Final Report, Proceedings of the DARPA Broadcast News Transcription and Understanding Workshop, 1998, Lansdowne, Virginia.

2   Belkin, N. User Modeling in Information Retrieval, http://www, scils, rutgers, edu/~belkin/um97oh/, Tutorial Overheads, Sixth International Conference on User Modeling, 1997, Chia Laguna, Sardinia.

3 Cawsey, A. Explanation and Interaction. Cambridge, MA: The MIT Press, 1992.

4 Duda, R., and Hart, P. Pattern Classification and Scene Analysis. john Wiley & Sons, New York, 1973.

5 Lang, K. NewsWeeder: Learning to filter news. Proceedings of the Twelfth International Conference on Machine Learning, Lake Tahoe, CA, 1995, 331-339.

6 David D. Lewis , William A. Gale, A sequential algorithm for training text classifiers, Proceedings of the seventeenth annual international ACM-SIGIR conference on Research and development in information retrieval, p.3-12, July 03-06, 1994, Dublin, Ireland

7 Lieberman, H. Letizia: An agent that assists web browsing. Proceedings of the International Joint Conference on Artificial Intelligence, Montreal, August 1995, 924-929.

8 M. E. Maron, Automatic Indexing: An Experimental Inquiry, Journal of the ACM (JACM), v.8 n.3, p.404-417, July 1961

9 McCallum, A. and Nigam, K. A Comparison of Event Models for Naive Bayes Text Classification. AAAI/ICML-98 Workshop on Learning for Text Categorization. Technical Report WS-98-05, 1998, AAAI Press.

10 Michael Pazzani , Daniel Billsus, Learning and revising user profiles: the identification of interesting Web sites, Machine Learning, v.27 n.3, p.313-331, June 1997

11 Gerald Salton, Automatic text processing, Addison-Wesley Longman Publishing Co., Inc., Boston, MA, 1988

12 Yiming Yang, An evaluation of statistical approaches to text categorization, Information Retrieval, v.1 n.1/2, p.69-90, 1999

↑ CITINGS 3

Daniel Billsus , Michael J. Pazzani , James Chen, A learning agent for wireless news access, Proceedings of the 2000 international conference on Intelligent user interfaces, p.33-36, January 09-12, 2000, New Orleans, Louisiana, United States

Jay Budzik , Kristian J. Hammond, User interactions with everyday applications as context for just-in-time information access, Proceedings of the 2000 international conference on Intelligent user interfaces, p.44-51, January 09-12, 2000, New Orleans, Louisiana, United States

Dwi H. Widyantoro , Thomas R. Ioerger , John Yen, An adaptive algorithm for learning changes in user interests, Proceedings of the eighth international conference on Information knowledge management, p.405-412, November 02-06, 1999, Kansas City, Missouri, United States

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